

## ABSTRACT

## NOVEL HUMAN MONOCYTE CHEMOTACTIC PROPROTEIN

The present invention provides a polynucleotide which identifies and  
5 encodes a novel human monocyte chemotactic proprotein (MCP). The  
invention provides for genetically engineered expression vectors and host  
cells comprising the nucleic acid sequence encoding MCP. The invention  
also provides for the use of substantially purified MCP and its agonists,  
antibodies, antagonists or inhibitors in pharmaceutical compositions for  
10 treatment of diseases associated with expression of MCP. Additionally,  
the invention provides for use of antisense molecules in pharmaceutical  
compositions for treatment of diseases associated with the expression of  
MCP. The invention also describes diagnostic assays which utilize  
15 diagnostic compositions comprising the polynucleotide, fragments or the  
complement thereof, which hybridize with the genomic sequence or  
transcripts of MCP and anti-MCP antibodies which specifically bind to  
MCP.